

IGNATOV, L.A., inzh.; SUTIN, Ya.Q., inzh.

Automatic welding at the Tashkent Excavator Plant. Stroi.i dor.
mashinostr. 5 no.3:32-33 Mr '60. (MIRA 13:6)
(Tashkent-Excavating machinery)
(Electric welding)

NIKISHOV, A.S., inzhener; KURGANOV, G.V., inzhener; SUTINA, Yu.A., inzhener.

Heat temperature in hardening alloy AK-4. Vest.mash. 33 no.10:58-59 0 '53.
(MLRA 6:10)
(Alloys)

SOV/129-58-10-5/14

AUTHORS: Kurganov, G. V., Candidate of Technical Science and
Sutina, Yu. A.; Engineer

TITLE: Failure of High Temperature Alloys Caused by Cyclic
Temperature and Stress Variations (Razrusheniye
zharoprochnykh splavov pri tsiklicheskikh izmeneniyakh
temperatury i napryazheniya)

PERIODICAL: Metallovedeniye i Obrabotka Metallov, 1958, Nr 10,
pp 23-27 (USSR)

ABSTRACT: In the work described in this paper, which was carried
out under the leadership of Professor S. T. Kishkin,
the simultaneous influence was studied on the strength
and creep of cyclically changing temperatures and stresses.
The influence of cyclic temperature and stress changes on
the strength was determined by comparing the time to
failure of the specimen under static and cyclic test
regimes. The tests were carried out on a tensile test
machine, a sketch of which is given in Fig.1, which enabled
maintaining constant the temperature and the stress. The
temperature was automatically controlled with an accuracy
of $\pm 3^{\circ}\text{C}$. The cyclic tensile tests were effected on a

Card 1/3 machine which is also sketched in Fig.1. After an hour,

SOV/129-58-10-5/14

Failure of High Temperature Alloys Caused by Cyclic Temperature and Stress Variations

the load was relieved and the specimen was cooled down to 150°C and then the cycle was repeated. The chemical compositions of some of the tested steels are entered in Table 1; a sketch, Fig.2, shows the shape and size of the test specimens. The following conclusions are arrived at:

1) The mechanism of softening and failure of the specimens of the tested alloys EI437A, EI437B, EI617, ZhS3 and ZhS6 under conditions of long duration operation at elevated temperatures consists in the formation and development of cracks which extend in most cases along the grain boundaries.

2) The development of cracks at elevated temperatures is assisted by the brittle components of the intermetallide phase and also by low melting point admixtures: lead, bismuth, sulphur, etc. which are present along the grain boundaries. Some of these admixtures are surface active, they reduce the surface energy along the grain boundaries and reduce the resistance of the material against formation of cracks and fracture.

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SOV/129-58-10-5/14

Failure of High Temperature Alloys Caused by Cyclic Temperature and Stress Variations

3) Periodic stress and temperature changes reduce considerably the time to failure due to the intensive formation and development of cracks on the specimen surface.

4) Small additions of lead bring about premature failure in long duration tests, particularly in the case of cyclic loading.

There are 5 figures and 4 tables.

1. Heat resistant alloys—Failure 2. Heat resistant alloys—
Test methods 3. Heat resistant alloys—Stresses

Card 3/3

NIKISHOV, A.S., inzhener; SUTINA, Yu.A., inzhener; PASTUKHOVA, L.S., inzhener.

Mechanical and physical properties of steel 18KhNVA, 30KhGSA and 30KhMA at
higher temperatures. Vest.mash. 33 no.4:52 Ap '53. (MLRA 6:5)
(Steel--Analysis)

SUTKA, J.

Complex method for determination of hardness of wood and its firmness
in shifting. p. 97.

BIOLOGICHESKAIA NAUKA; SELSKOMU I LESNOMU KHOZIALSTVU. (Latvijas PSR
Zinatnu akademijs. Biologijas Zinatnu nodala) Riga, Latvia, No. 15,
1958. In Russian.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

BALINT, Andor, tanszékvezető egyetemi tanár; SUTKA, József; KOVACS, Géza

Comparative cytological and physiological examination of maize
lines treated with irradiation and ethyl methane sulphonate.
Biol kozl 12 no.1:11-15 '64.

1. Chair of Plant Improvement of the University of Agriculture.

SCHREIBER, B.; NOVOTNY, A.; SU'KO, S.

The course of changes of the adhesive index of thrombocytes in physiological postoperative course. Cas.lek.cesk. 99 no.18:565-569 29 Ap '60.

1. II, interni proped. klinika LFHKU v Praze, prednosta prof. MUDr. J. Syllaba. Klinika gynekologicko-porodnicka LFHKU v Praze, prednosta doc.dr. J. Padovec. Transfuzni oddeleni SFN Praha 12, prednosta MUDr. J. Mestan.

(BLOOD PLATELETS)
(SURGERY OPERATIVE)

SUTKO, S.

CZECHOSLOVAKIA

no academic degree indicated

Institute of Hematology and Blood Transfusion (Ustav hematologie a krevni transfuze)
Prague; Director: prof. J. HOREJSI, DSc, MD.

Prague, Vnitřní Lekarství, No 11, Nov 62, pp 1187-1192.

"The Significance of Platelet Adhesiveness for the Diagnosis and Treatment of Diseases of the Blood and Circulation. II. The Value of a New Method for the Determination of Platelet Adhesiveness in the Diagnosis of Hypercoagulation States"

2

CZECHOSLOVAKIA

SOUDEK, J., PH.D., Dr of Radiology; SUTKO, S., MD.

1. Institute of Epidemiology and Microbiology (Ústav epidemiologie a mikrobiologie), Prague; 2. Institute of Hematology and Blood Transfusion (Ústav hematologie a krevní transfuze), Prague

Brno, Vnitřní lékařství, No 5, 1963, p. 445-452

"Changes in the Prothrombin Level After Blood Loss in Volunteer Blood Donors."

SUTKOVA, A.V. (Kiev, USSR); PONEVA, Lili [translator]

Some pointers to the study of the rules for number computation
in the general, vocational and polytechnic schools. Mat i fiz
Bulg 6 no.1:21-28 Jan '63

1. Urednik, "Matematika i fizika" (for Poneva).

SUTKOVAYA, A. P.

Sutkovaya, A. P. "The histopathologic nervous system during PP-avitaminosis," Trudy Med-instituta (Izhev. gos. med. in-t), Vol. VII, 1949, p. 38-44

SO: U-3850, 16 June 53, (Letopsis 'Zhurnal 'nykh Statey, No. 5, 1949)

SUTKOVAYA, A. P.

Sutkovaya, A. P. "The pathology of the vegetative nervous system of A-B-C avitaminosis," Trudy Medinstituta (Izhev. gos. med. in-t), Vol. VII, 1949, p. 228-36

SO: U-3850, 16 June 53, (Letopsis 'Zhurnal 'nykh Statey, No. 5, 1949)

SUTKUS, A.

Treatment of thyrotoxicosis with single and fractionated doses of I-131. S. v. k. apsaug. 6:18-22 S '64.

1. Kauno Valst. medicinos instituto rentgenologijos ir radiologijos katedra, (Katedros vedėjas - doc. P. Jasinskas)..

L 12832-66

ACC NR: AP6005719

SOURCE CODE: CZ/0082/65/000/003/0237/0237

AUTHOR: Kozousek, J.; Nedbal, J.; Sutnarova, V.

ORG: Ophthalmological Clinic and Neurological Clinic, Medical Faculty, J. Ev. Purkyne University, Brno (Očni klinika a neurologická klinika lékařské fakulty UJEP)

TITLE: Kjer's form of heredofamiliar atrophy of the optical nerve [This paper was presented at the meeting of Slovak neurologists at Modra-Harmonia, 25-27 June 64.]

SOURCE: Ceskoslovenska neurologie, no. 3, 1965, 237

TOPIC TAGS: neurology, nervous system disease, ophthalmology, heredity, clinical medicine, human genetics

ABSTRACT: A case of atrophy is described in members of 3 generations of one family. Out of 43 members of the family 14 were affected. The heredity was transmitted both by men and women. Detail description of the findings is given. Degenerative stigmata and peculiarities found in the EEG findings are discussed. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 HW

SUTO, D.

Analysis of the economic operations of forestries on the basis of the
1957-58 balance-sheet report. p. 225.

AZ ERDO. (Orszagos Erdeszeti Egyesulet) Budapest, Hungary.
Vol. ~~11~~⁸, no. ~~9~~⁶, Sept. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. ~~11~~⁸, no. ~~9~~¹², Sept. 1959.

SUTO, Gyula

The work of trade union basic organization in the field of international relations. Munka 13 no.2:36 F '63.

1. Szakszervezetek Országos Tanácsa nemzetközi osztályának munkatársa.

SUTO, Gyula

Tasks in shunting cars at the Debrecen station. Vasut 14
no.11:25 N '64.

SUTO, Ludovic

In close cooperation with the master mechanic. Munca sindic 7
no.10:18-20 0 '63.

1. Organizatorul grupei sindicale, banda nr. 17, Fabrica de
Confectii Oradea.

ACCESSION NR: AP4042802

5/0020/64/157/003/0729/0732

AUTHOR: El'piner, I. Ye.; Sutokskaya, I. V.; Oparin, A. I., Academician

TITLE: On the effect of ultrasonic waves upon the structure and antibiotic activity of gramicidin C

SOURCE: AN SSSR. Doklady*, v. 157, no. 3, 1964, 729-732

TOPIC TAGS: Gramicidin C, ultrasonic wave, ultrasound effect, chemical ultrasound effect, antibiotic activity, gramicidin structure, Bac. mycoides, Escherichia coli, aromatic aminoacid, aminoacid analysis, glyoxalic acid, deamination, peptide, argon, electrophoresis

ABSTRACT: This work was based on earlier studies on the ultrasonic effect upon structure and function of protein and polypeptide molecules with biocatalytic properties. Under the influence of ultrasound the gramicidin C molecules undergo a specific chemical transformation. This is accompanied by the appearance of organic matter in the solution, with bactericidal properties against Bac. mycoides and Escherichia coli, the microorganisms used for this study. The gramicidin molecule configuration is described. The product was used in 0.2, 0.3 and 0.5% diluted

Card 1/3

SUTOKSKIY, N.

We value the honor of Soviet specialists. NT0 5 no.5:9-12 My '63.
(MIRA 16:7)

1. Zamestitel' predsedatelya soveta Nauchno-tekhnicheskogo
obshchestva Leningradskogo metallichesкого zavoda imeni XXII
s"yezda Kommunisticheskoy partii Sovetskogo Soyuza.
(Engineers)

SUTOR, Julius, ¹promovaný fyzik

Problem of the temperature gradient effect on the capillary soil zone. Vodohosp das 11 no.3:316-335 '63.

1. Ceskoslovenska akademie ved, Ustav hydrologie a hydrauliky, Slovenska akademie vied, Bratislava.

SUTOR, Julius, promovany fyzik

Dynamics of soil moisture caused by the thermal gradient.
Vodohosp cas 12 no.4:419-430 '64.

1. Institute of Hydrology and Hydraulics of the Slovak
Academy of Sciences, Bratislava.

S/106/63/000/001/006/007
A055/A126

AUTHORS: Bosenko, V.G., Sutorikhin, N.B., Maksimov, G.Z.
TITLE: Analysis of the operation of the transistorized key with active-inductive load
PERIODICAL: Elektrosvyaz', no. 1, 1963, 64 - 68

TEXT: This article deals essentially with the experimental investigation of the reliability of the operation of transistors operating in circuits containing electromagnetic devices, such as relays, electromagnets of crossbar connectors, etc. Transistor triodes in common-emitter arrangement are considered. To confirm that these triodes can be considered as ideal switches ensuring an instantaneous closing of the circuit, oscillograms of transient processes in systems containing a relay in the transistor-key circuit were recorded. These oscillograms show that the parameters of the transistor triode exert a certain influence on transient processes only when the relay is released and the current in the relay windings drops. The authors examine therefore the process occurring when the relay is switched off by the transistor. They also deduce a formula for

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Analysis of the operation of the transistorized

S/106/63/000/001/006/007
A055/A126

the power dissipated on the collector of the triode with an active-inductive (RL) load. They apply this formula to the П26 А (P26A) triode controlling a pulse-relay of the ППН (RPN) type, and find that the dissipated power does not exceed the permissible value, which is confirmed experimentally. Conclusions: 1) Over-voltages occurring on the collector junction at the switching off of the triode are not dangerous for the triode; apparently, they do not affect the reliability of its operation. 2) The operation of triodes with active-inductive load in switching range will be reliable, provided the power dissipated on the collector does not exceed the permissible limits. 3) Low-power triodes (such as the P26 and P26A-types) can ensure a reliable control of the operation of a number of electromagnetic devices. There are 6 figures and 1 table.

SUBMITTED: March 10, 1962

Card 2/2

BOSENKO, V.G.; MAKSIMOV, G.Z., ispolnyayushchiy obyazannosti dotsenta;
SUTORIKHIN, N.B.

Electronic-mechanical system for matching KRR-30/60 apparatus
with the equipment of an automatic telephone exchange. Vest.
svyazi 23 no.6:10-11 Je '63. (MIRA 16:8)

1. Prorektor Novosibirskogo elektrotekhnicheskogo instituta
svyazi (for Bosenko).

I 47347-05 REC(hi-2/FWA(hi/FWT(1): P-4/D-4/P-4/D-4/D-4/Deb

SOURCE: Ref. zh. Fizika, Abs. 2Zh87

AUTHOR: Astorikhan, N. B.

TITLE: Economic efficacy of increasing the reliability of repeated-action elec-

tronic elements

Abstract: ... 20, 1964, 194-200

TRANSLATION: An attempt is made to apply existing criteria and a procedure for
estimating the economic efficacy of increasing the estimate of the eco-
nomic efficacy of increasing the reliability of individual elements of elec-
tronic systems. It is shown that the coefficient of
economic efficacy is a function of the additional expenditures incurred
in increasing the reliability of the individual element of the system.

SUB CODE: IE, EC

ENCL: 00

Card 1/1 *cc*

SUTORIKHIN, V. N.

BUKHAROV, Ivan Vasil'yevich; KALLISTOV, Vasil'y Ivanovich; KONYUKHOV, S.M., dotsent, redaktor; SUTORIKHIN, V.N., dotsent, retsenzent; DOGINA, N.A., tekhnicheskii redaktor.

[Modernization of metalworking equipment in the Ural Car Factory]
Modernizatsiia metalloobrabatyvaiushchego oborudovaniia na Ural-
vagonzavode. Sverdlovsk, Gos.nauchno-tekhn.izd-vo mashinostroit.
lit-ry, 1956. 45 p. (MLRA 10:6)
(Machine tools)

SUTORIKHIN, V. N.

SUTORIKHIN, V. N., Cand Tech Sci -- (diss) *Study* "Investigation of
the ~~operation~~ ^{performance} of metal ~~designed~~ ^{structure of the shafts of} mining well cranes." Sverdlovsk,
1957. 18 pp. (Min Higher Ed USSR, Ural Polytech Inst im S. M.
~~Kirov~~ Kirov, Chair of Hoisting Transport Machines), 100 copies.
(KL, 9-58, 119)

- 96 -

AUTHORS: Petukhov, P.Z. (Dr.Tech.Sc.,Prof.) and Sutorikhin, V.N.
(Dotsent). 133-6-21/33

TITLE: Rational operation of soaking pit cranes. (Ratsional'naya ekspluatatsiya kolodtsevykh kranov).

PERIODICAL: "Stal'" (Steel), 1957, No.6, pp.550-552 (USSR).

ABSTRACT: As soaking pit cranes are often used for purposes other than the handling of ingots (e.g., for cleaning bottoms from slag and scale), they are often submitted to stresses which were not taken into consideration in their design. This often leads to a breakdown of various parts of cranes. In order to establish the operating conditions and to determine stresses and deformation appearing during the work of these cranes, the Uralskiy Polytechnical Institute carried out an investigation of two cranes operating on the Nov-Tagilsk and Chelyabinsk Works. The results of these investigations are tabulated. It was found that the actual forces, stresses and tortion moments were often higher than those determined theoretically. The use of cranes for cleaning pit bottoms from slag was found to be unsafe in operation and the use of specially designed separate crane for this purpose is recommended.

Card 1/2

SUTORIKHIN, V.N.

Investigating operations of a pit-furnace crane for cleaning
hearth of pit furnaces. Sbor.st.Ural.politekh.inst. no.65:
89-102 '58.

(MIRA 12:4)

(Cranes, derricks, etc.)

MURZIN, Ivan Konstantinovich, kand.tekhn.nauk; PANAYEVA, Valeriya Ivanovna;
SOMOVA, T.M., inzh., red.vypuska; PETUKHOV, P.Z., doktor tekhn.nauk,
red.; SUTORIKHIN, V.N., dotsent, red.; KHRISANOV, M.N., kand.tekhn.
nauk, red.; DUGINA, N.A., .tekhn.red.

[Repairing machine tools] Osobennosti remonta metallorazhushchikh
stankov. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry,
1960. 77 p. (Biblioteka slesaria-remontnika, no.7)

(MIRA 14:3)

(Machine tools--Maintenance and repair)

MURZIN, Ivan Konstantinovich, kand.tekhn.nauk; KHRISANOV, M.I., kard.
tekhn.nauk, red.vypuska; PETUKHOV, P.Z., doktor tekhn.nauk,
red.; SUTORIKHIN, V.N., dotsent, red.; SOMOVA, T.M., inzh., red.;
GALANIN, A.I., inzh., red.; DUGINA, N.A., tekhn.red.

[Inspection of repair operations] Kontrol' remontnykh operatsii.
Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960.
105 p. (Biblioteka slesaria-remontnika, no.10).

(Machinery—Maintenance and repair)
(Measuring instruments)

(MIRA 14:7)

RYKOV, M.I.; PETUKHOV, P.Z. doktor tekhn.nauk; SUTORIKHIN, V.N., kand.tekhn.
nauk

Increasing the capacity of a pouring crane. Metallurg 5 no.5:24-25
My '60. (MIRA 14:3)

1. Zamestitel' glavnogo mekhanika Nizhno-Tagil'skogo metallurgi-
cheskogo kombinata (for Rykov). 2. Ural'skiy politekhnicheskii in-
stitut imeni S.M. Kirova (for Petukhov, Sutorikhin).
(Open-hearth furnaces—Equipment and supplies)

SUTORIKHIN, V.N.

Dynamic phenomena in metal structures of crane shafts for pit
furnaces caused by starting and braking. Trudy Ural.politekh.inst.
no.104:29-37 '61. (MIRA 14:6)

(Cranes, derricks, etc.)

SUTORIKHIN, V.N.

Dynamic phenomena in metal structures of crane shafts for pit
furnaces in case if shaft bottom hits supports. Trudy Ural.politekh.
inst. no.104:38-48 '61. (MIRA 14:6)
(Cranes, derricks, etc.)

BOGOYAVLENSKIY, V.N.; SUTORIKHIN, V.N.

Investigating the performance of metal structures of cranes used
in warehouses for finished products of roughing shops at the
Nizhniy Tagil Steelworks. Trudy Ural.politekh.inst. no.104:74-78
'61. (MIRA 14:6)
(Nizhniy Tagil Steelworks) (Cranes, derricks, etc.)

SUTORIKHIN, V.N., kand. tekhn. nauk, dotsent; CHERNYY, V.F.,
kand. tekhn. nauk, dotsent

Dynamic loads acting on metal structures of cranes with
shafts. Izv. vys. ucheb. zav.; mashinostr. no.9:119-123
'65. (MIRA 18:11)

CL. TOP SECRET A N.

SECRET

... sensitive to ...

FURDIK, M.; SUTORIS, V.; DRABEK, J.

Synergists of pyrethrum. II. Acta r nat Univ Com 3 no.2/3:99-107
'59. (EEAI 10:5)

(Synergists) (Pyrethrum)

SUTORIS, Viktor, promovany chemik, C.Sc.

On pyrethrur synergists. Part 8: Synthesis of Cis-N-substituted 7-methylisopropylidene-bicyclo-[1,2,2]-heptene-(5)-2,3-dicarboxymides. Chem zvesti 15 no.11/12:307-314 N-D '61.

1. Katedra organickej chemie a biochemie Prirodovedeckej fakulty University Komenskeho, Bratislava, Prirodovedeckej Smeralova 2.

51320

45195

Z/043/63/000/001/002/004
D287/D307

AUTHORS: Furdik, M. and Sutoris, V.

TITLE: Synergists of pyrethrum. X. Investigation on the reaction of bicyclo-1,2,2,heptene-5-2,3-dicarboximide and its N-methylol derivative with aliphatic halocompounds

PERIODICAL: Chemické Zvesti, no. 1, 1963, 31-40

TEXT: The present work is a continuation of earlier investigations by the authors with the difference that the reaction outlined in the title was studied to prepare 14 different compounds with various substituents on the imide nitrogen. The starting material, which is the endo-isomer, was prepared by the method described by M. S. Morgan et al; all the prepared derivatives showed endo-isomerism. The principal reaction comprised substitution of the hydrogen atom of the N-methyl group by a non-hydrocarbon residue X (X = -COOC₂H₅, -COOC₃H₇, COOCH(CH₃)₂, -COCH₃, -COC₆H₅, -CH₂OH, -Cl, -OCOCH₃, etc.). Experiments were carried out on the synergistic and

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Synergists of pyrethrum ...

Z/043/63/000/001/002/004
D2B7/D307

insecticidal properties of these compounds, in conjunction with pyrethrum. The toxicity indices for *Musca domestica* were relatively low when compared with the indices of the N-methyl derivative. Only the Cl-derivative had an increased toxicity index (439 to 675). Whereas all other derivatives had reduced insecticidal and synergistic properties (e.g. 439 to 227 in the case of the -OH derivative and 439 to 151 for -CH₂OH derivatives). Cl-substitution has, therefore, similar (although slightly more pronounced) effects to substitution of the methyl group (-N-CH₂CH₃ ≈ -N-CH₂Cl). There are 1 figure and 2 tables.

ASSOCIATION: Katedra organickej chémie a biochémie Prirodovedeckej fakulty Univerzity Komenského, Bratislava (Department of Organic Chemistry and Biochemistry of the Faculty of Natural Sciences, Komensky University, Bratislava)

SUBMITTED: August 7, 1962

Card 2/2

SUTORIS, Viktor, promovany chemik, ScC.

On pyrethrum synergists. Pt. 11. Chem zvesti 17 no.5:307-317 '63.

1. Katedra organickej chemie a biochemie, Prirodovedecka fakulta
University Komenskeho, Bratislava, Smerlova 2.

L 00169-66 EWT(1)/EWA(j)/EPF(c)/ENP(j)/EWA(b)-2
ACCESSION NR: AP5025528

RO/RM

CZ/0043/65/000/005/0379/0388

AUTHOR: Sutoris, V. (Docent, Candidate of sciences)

TITLE: Pyrethrum synergists (XV). Influence of addition of O, O-Dial-
kyldithiophosphoric acids to endo-cis-N-methylbicyclo [1,2,2] hept-5-ene-2,3
-dicarboxylic acid imide and its derivatives

SOURCE: Chemioke zvesti, no. 5, 1965, 379-388

TOPIC TAGS: phosphoric acid, organic sulfur compound, organic nitrogen compound,
cyclic group, carboxylic acid, insecticide, synergy

ABSTRACT: [Author's English summary 7: Changes of biological ac-
tivity due to addition of O, O-dialkyldithiophosphoric acid
groups to N-methyl group of endo-cis-N-methylbicyclo [1,2,2]
hept-5-ene-2,3-dicarboxylic acid imide were studied. Products
of the reaction are active insecticides, and are not synergists
in the true sense of the word. The addition of O, O-dialkyldi-
thiophosphoric acid to the double bond in the position C(5)
lowers both the pseudosynergetic effect as well as insect kill-
ing properties. Endo-cis-N-/S-(O, O-dialkyldithiophosphoric)

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L 00169-66
ACCESSION NR: AP5025528

methyl 7-3-carboxamido-5-[S-(0,0-dialkyl dithiophosphoric)]
bicyclo[1,2,2]heptane-2-carboxylic acid methyl esters are more
active than the unesterified ones. "Professor of Engineering M. Furdik
is thanked for his comments on the paper. The whole Biological Department of the
Research Institute of Agrochemical Technology at Bratislava is thanked for re-
search on synergistic and insecticidal effects. Engineer J. Krsk. of the
Analytical Department of the Research Institute of Agrochemical Technology at
Bratislava, is thanked for performing the analysis." Orig. art. has: 1 figure
and 5 tables.

ASSOCIATION: Katedra Organickej Chemie a Biochemie Prirodovedeckej Fakulty
Univerzity Komenského, Bratislava (Department of Organic Chemistry and Biochemistry,
Faculty of Natural Sciences, Comenius University)

SUBMITTED: 22Oct64

NR REF SOV: 001

Card 2/2

ENCL: 00

OTHER: 004

SUB CODE: GC, LS

JPRS

L 00170-66 EPF(c)/EWP(j)/EWA(c) RM
 ACCESSION NR: AP5025529

CZ/0043/65/000/005/0389/0402

AUTHOR: Furdik, M. (Professor, Engineer); Sutoris, V. (Docent, Candidate of sciences)

TITLE: Pyrethrum synergists (XVI). Synthesis of some new substances derived from cyclopentadiene, fulvene, and n-substituted bicyclo [1,2,2] hept-5-ene-2,3-dicarboxylic acid imide

SOURCE: Chemicke zvesti, vol 19, no. 5, 1965, 389-402

TOPIC TAGS: synergy, organic nitrogen compound, cyclic group, organic sulfur compound, phosphoric acid, carboxylic acid, substituent

ABSTRACT: [Authors' English summary modified]: Synthesis of pyrazoline derivatives in adding diazomethane to the ethylene double bond in position C(5) was studied. N-substituted bicyclo [1,2,2] hept-5-ene-2,3-dicarboxylic acid-3-amide, bicyclo [1,2,2] hept-5-ene-2,3-dicarboxylic acid imide, and its 7-dialkylmethylene and 7-methylphenylmethylene derivatives were used. 5,6-epoxide ring derivatives were also investigated. It was not possible to obtain derivatives of exo-cis-N-substituted bicyclic dicarboxylic acid imide

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L 00170-06
ACCESSION NR: AP5025529

ide starting from 6-methyl-6-phenylfulvene because of steric hindrance. Preparation of bis-cyclopentadiene and tris-6-methyl-6-propylfulvene adducts with O,O-dialkyldithiophosphoric acids was used for their structure study. "Engineer J. Krsk, of the Analytical Department of the Research Institute of Agrochemical Technology at Bratislava and J. Grnakova, of the Chemical Laboratory, Natural Sciences Faculty, Comenius University, Bratislava, are thanked for performing the analysis. Engineer J. Synak, Group Leader of the Biological Department of the Research Institute of Agrochemical Technology at Bratislava, is thanked for testing." Orig. art. has: 4 tables.

SUBMITTED: 22Oct64

NR REF SOV: 000

ENCL: 00

OTHER: 017

SUB CODE: OC, GC

JPRS

Card 2/2

FURDIK, Mikulas, prof., inz.; GUTORIS, Viktor, doc., CSc.

Synergists for pyrethrum. Pt.16. Chem zvesti 19 no.5:329-402 '65.

1. Chair of Organic Chemistry and Biochemistry of the
Faculty of Natural Sciences of Komensky University, Bratislava,
Smeralova 2. Submitted October 22, 1964.

SUTORISOVA-STOLZOVA M.

Zoonozy a ich prevencia. /Zoonosis and its prevention/ Sloven.
lekar 12:6 June 50 p. 316-30.

1. Of the Institute of Hygiene, Branch of the Medical Faculty
in Kosice (Head—Docent M. Sutorizova-Stolzova, M.D.).
CLML Vol. 20, No. 2 Feb 1951

SUTORISOVA-STOLZOVA, Margita, M.D.

Blood transfusion service in Paris. Bratisl. lek. listy. 30 no.2:
186-198 F '50. (CIVL 19:2)

1. Of the Hygienic Institute of the Branch of Medical Faculty,
Slovak University in Kosice.

SUTORISOVA-STOLZOVA, MARGITA,

SUTORISOVA-STOLZOVA, Margita; DUBAY, Ladislav

Revitalization of old desiccated cultures of Rickettsia. Gask.
hyg. epidem. mikrob. 2 no.2:107-111 Apr '53.

(RICKETTSIA, culture,
revitalization of old desiccated cultures)

0010150V7-31000V4, M.

SUTORISOVA-STOLCOVA, M., Bratislava, Sasinkova 9.

I.I.Mecnikov and his pupil Gamaleja as founders of Soviet microbiology. Lek. obzor 3 no.11:679-683 1954.

(MICROBIOLOGY

in Russia, contribution of I.I.Mecnikov & Gamaleja)

(BIOGRAPHIES

Mecnikov, I.I.)

(BIOGRAPHIES

Gamaleja, N.F.)

SUTORISOVA-STOLZOVA, Margita; GEORCH, Dionyz

Antibodies following typhus. Cesk. epiden. microb. imun.
6 no.1:43-47 Jan 57.

1. Krajska hygienicko-epidemiologicka stanica v Bratislave,
riaditel MUDr. Frantisek Schulz.

(TYPHUS, immunology,
antibodies in convalescence (Cz))

CERVENKA, J.; BERTAN, J.; SUTORISOVA-STOLZOVA, M.

A small epidemic of typhus developing from a case of Brill-Zinsser's disease in a louse-infested environment. Cesk.epidem. mikrob.imun. 9 no.3:148-155 Ap '60.

1. Hygienicko-epidemiologicky odbor poverenictva zdravotnictva v Bratislave. Krajska hygienicko-epidemiologicka stanica v Banskej Bystrici. Krajska hygienicko-epidemiologicka stanica v Bratislave.
(TYPHUS epidemiol.)

KAROLCEK, J.; SUTORISOVA, M.; DUBAY, L.; STEFANOVIC, J.

Development and prospects of medical microbiology in Slovakia.
Cesk. epidem. 13 no.3:129-135 My'64.

1. Ustav epidemiologie a mikrobiologie a katedra mikrobiologie
SUDL v Bratislave; Ustav lekarskej mikrobiologie a imunologie
Lekarskej fakulty UK [Komenskeho university] v Bratislave;
Ustav lekarskej mikrobiologie Lekarskej fakulty UPJS [Univer-
sity P.J.Safarika] v Kosiciach.

SUTORMIN, A. M. (Aspirant)

"The Investigation of a Polyphase Autonomous Inverter Loaded With an Induction Motor." Cand Tech Sci, Moscow Order of Lenin Power Engineering Inst imeni V. M. Molotov, 24 Dec 54. (VM, 14 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: SUM No. 556, 24 Jun 55

SUTORMIN, A.M., kand.tekhn.nauk

External characteristics of multiphase autonomous converters feeding
asynchronous motors. Sbor. nauch.-issl. rab. TTI no.3:55-62 '56.
(MIRA 11:9)

(Electric current converters) (Electric motors, Induction)

SUTORMIN, A.M., kand.tekhn.nauk

Simplified constructions used in calculating intersection lines
of certain ruled surfaces where the drawing area is limited.

Sbor. nauch.-issl. rab. TTI no.3:119-120 '56.

(MIRA 11:9)

(Mechanical drawing)

SUTORMIN, A.M., dotsent

Calculating the rated power of a transformer for a six-phase autonomous
inverter. Sbor.nauch.-issl.rab. TTI no.9:61-66 '60. (MIRA 15:6)
(Electric transformers)

SUTORMIN, A.M., dotsent

Possibility of increasing the rate of cotton fiber compression and
improving the coefficient of power of the pump engine of the baling
press. Sbor.nauch.-issl.rab.TTI no.12:79-86 '61. (MIRA 15:11)
(Cotton gins and ginning—Equipment and supplies)

SUTORMIN, I.F.; SHEVCHENKO, M.I.

School for the advanced training of specialists. Zashch. rast.
ot vred. i bol. 3 no.5:58 S-0 '58. (MIRA 11:10)

1. Direktor Velikolukskogo sel'skokhozyaystvennogo instituta (for
Sutormin). 2. Dekan fakul'teta Velikolukskogo sel'skokhozyaystvennogo
instituta (for Shevchenko).

(Velikiye Luki--Plants, Protection of--Study and teaching)

SVETLOVA, R. V.

Card Techn Sci

Dissertation: "Investigation of the Physical and Technological Properties of
Certain Types of Defective Cocoons and Selection of Method for Their Most
Efficient Unwinding."

21/6/50

Moscow Textile Inst.

SO Vecheryaya Moskva
Sum 71

SUTORMINA, R.V., kand. tekhn. nauk, dotsent

Piercing of fabrics by the needle of the sewing machine. Izv.
vys. ucheb. zav.; tekhn. leg. prom. no.5:77-83 '63. (MIRA 16:12)

1. Tashkentskiy tekstil'nyy institut. Rekomendovana kafedroy
tekstil'nogo materialovedeniya.

SUTORMINA, V. N.

1271. Inflyatsiya v SSHA (1946-1953gg.) M., 1954. 15s. 21sm. (Akad. Nauk. SSSR in-t ekonomiki). 100ekz B. ts. -- [54-54219].

SO: Knizhnaya Letopis, Vol. 1, 1955

SUTOROKHIN, N.B.

Engineering method for evaluating the reliability of some
mechanical and electronic systems. Trudy ucheb. inst. svyazi
no.14:135-142 '63. (MIRA 17:9)

1. Novosibirskiy elektrotekhnicheskii institut svyazi.

VASIL'KEVICH, inzh.; NIKITIN, G.; SUTORSHIN, V.

Transistor condenser in the IF channel. Radio no.1:37-39 Ja '62.
(MIRA 15:1)

(Condensers (Electricity)) (Transistors)
(Radio--Receivers and reception)

SHCHEGLYAYEV, A.V.; SMEL'NITSKIY, S.G., kand.tekhn.nauk; SUTORSHINA, T.N.,
inzh.; KALASHNIKOV, A.A., inzh.

Problems of the use of discharge systems in boiler-turbine units.
Teploenergetika 12 no.1:2-9 Ja '65.

(MIRA 18:4)

1. Moskovskiy energeticheskiy institut. 2. Chlen-korrespondent
AN SSSR (for Shcheglyayev).

SUTOHY, Karel; HENDRICH, Frantisek

Our experiences with the study of serum cholinesterase activity
in hepatopathies. Cas. lek. cesk. 99 no.23:711-716 3 Je '60.

1. Vnitřní oddělení OUNZ v Novém Městě na Moravě, přednosta MUDr.
Frantisek Hendrich.

(CHOLINESTERASE blood)

(LIVER DISEASES blood)

SUTORY, Karel, MUDr.; KYCHLER, Ludek; HORAK, Josef; DOUBKOVA, Dagmar.

Evaluation of the test with Lugol solution. Vnitřní lek. II
no. 6:545-553 Je'65.

1. Vnitřní oddělení okresní nemocnice v Novém Městě na
Moravě (prednosta: MUDr. Karel Sutory).

SUTORY, K.; SITAR, J.

Contribution to the treatment of dumping syndrome. Cesk. gastroent.
vyz. 15 no.2:117-123 Mr '61.

1. Vnitřní oddelení nemocnice v Novém Městě na Moravě, přednosta
primář MUDr. František Hendrich.

(GASTRECTOMY compl)

SABLOCHNIK, B. L.; ~~REDACTED~~; ~~REDACTED~~, L. L.

Feed Water Purification

Bubbling in deaerators of feed water.

Elek. Sta., 23, No. 4, 1952.

Inzh. Sverdlovenargo

SO: Monthly List of Russian Accessions, Library of Congress, August 1952 ~~1953~~, Uncl.

1. SAVINOVSKIY, D. A. Eng.: SUTOTSKIY, G.P., Eng.

2. USSR (600)

4. Feed Water

7. "Preparation of feed water." Prof. M. S. Shkrob. Reviewed by
Engs. D. A. Savinovskiy, G. P. Sutotskiy. Elek.sta. 23 No. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

СУТОЦСКИ, Г.П.

Fuel Abstracts
May 1954
Steam Raising
and Steam Engines

✓ 3788. *Sub* DETERMINATION OF COOLING WATER INTAKE INTO TURBINE CONDENSERS.
Savinovskii, D.A. and Sutotskii, G.P. (Elekt. Sta. (Pwr Sta., Moscow),
Oct. 1953, vol. 24, 24, 25). Cooling water intake should be determined on
the basis of condensate analysis according to the reading for the minimum
relative suction. For most power station water supplies, the most sensitive
means of detecting intake is to find the condensate hardness by the
complexometric method. The establishment of a standard for the permissible
amount of cooling water intake into the turbine condensate is considered
inexpedient.

B.E.A.

"APPROVED FOR RELEASE: 03/14/2001

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SECRET KEY C-12

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001654020002-1"

USSR/Chemical Technology. Chemical Products and Their Application -- Water treatment. Sewage water, I-11

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5393

Author: Sutotskiy, G. P.

Institution: None

Title: Experience with Improvement of the Efficiency of Water Treatment at Metallurgical Plants of the Urals

Original
Publication: Sb. Vopr. proyektirovaniya i ekspluatatsii vodopodgotovitel'nykh ustanovok na teplovykh elektrostantsiyakh, M.-L., Gosenergoizdat, 1955, 163-177

Abstract: Description of electrometric apparatus for determination of the time when saturaters must be recharged; for measurement of concentration: of salt in wash water of cationite filter (CF); of salt solution fed into CF for regeneration; of acid or salt solutions after they have been diluted while being fed into CF; for the determination of the end of displacement of solutions of coagulating agents or alkali

Card 1/2

AID P - 3876

Subject : USSR/Engineering

Card 1/1 Pub. 28 - 4/7

Author : Sutotskiy, G. P.

Title : Experience with Elimination of Chemical Differences of
Feed-water in a Multidrum Boiler

Periodical : Energ. byul., 11, 22-24, N 1955

Abstract : The author describes his tubing connection for horizontal-
tubular multidrum boilers, such as the Babcock-Wilcox or
Shukhov, to obtain the same alkalinity of feed-water.
One sketch and several tables.

Institution : None

Submitted : No date

4226. CHROMIUM TREATMENT OF WATER IN MODERN THERMAL STATIONS.

Author: [illegible] Published: [illegible] Nov. 1964. Vol. 11, 32-37.

The article briefly discusses the four systems of chromium treatment of water most commonly practised in the U.S.S.R., namely (1) combined lining and silica

and (2) separate chromium and silica treatments. The article also discusses the

SUTOTSKIY, G. P.

USSR /Chemical Technology. Chemical Products
and Their Application

I-14

Water treatment. Sewage water.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31756

Author : Sutotskiy G.P.

Title : Chemical Treatment of Water at Modern Thermal
Electric Power Stations

Orig Pub: Energetik, 1956, No 11, 32-37

Abstract: Brief description of the problems involved in
chemical treatment of water at thermal power
stations, norms, methods for the regulation and
control of the quality of feed- and boiler water,
steam and replenishing water of heat-supplying
distributing systems. The most frequently util-
ized systems of water conditioning are described

Card 1/2

SUTORSKIY, G. P.

the usual 240 and 360 g/l. No. 10 oxides of Fe, Cu, Zn, and Mn are described for the adjustment of the water and for the saturation of the boiler feed water in order to increase the corrosion resistance of the boiler.

SUTORSKIY, G.P., inzhener.

~~Water treatment with complete removal of carbon dioxide in high-~~
pressure condensing power stations. Teploenergetika 4 no.9:48-50
S '57. (MLRA 10:8)

1. Uralenergochermet.

(Feed-water purification)

SUTOTSKIY, G.P., inzh.

New techniques in feed-water treatment in electric power plants of ferrous metal plants in the Ural Mountain region. Trudy NTO chern. met. 20:192-204 '60. (MIRA 13:10)

1. Uralenergochermet.

(Feed-water purification)
(Ural Mountain region--Metallurgical plants)

SAVINOVSKIY, D.A., inzh.; SUTOTSKIY, G.P., inzh.

"Treatment of water" by F.I. Delan. Referred to D.A. Savinovskii,
G.P. Sutotskii. Teploenergetika 8 no.4:94-95 Ap '61.
(MIRA 14:8)

(Feed-water purification)
(Delan, F.I.)

SUTOTSKIY, G.P., kand. tekhn. nauk

Ammonium salts in impulse tubes of equipments. Elek. sta. 35
no.12:69-70 D '64. (MIRA 18:2)

SUTOTSKIY, G.P., kand. tekhn. nauk; SHCHELOKOV, Ya.M., inzh.

Effect of salt content of boiler water on the hydraulic resistance
of boiler stages. Elek. sta 36 no.4:24-26 Ap '65.

(MIRA 18:6)

SUTOTSKIY, G.P., kand.tekhn.nauk; SHCHELOKOV, Ya.M., inzh.

Efficient burning of natural gas in industrial electric power
plants in the Urals. Prom.energ. 20 no.12:26-30 D '65.
(MIRA 18:12)

SILIN, V.V.; SUTOTSKIY, I.N.; DUBOVTSOVA, V.A.; ANTONOV, D.G., otv.red.;
PEVZNER, A.S., zaveduyushchiy redaktsiyey izd-va; OSENKO,
L.M., tekhn.red.

[Uniform time and pay standards for construction, assembly, and
repair operations in 1960] Edinye normy i rastsenki na stroi-
tel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g.
Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam.
Sbornik 30. [Assembling boiler units] Montazh kotel'nykh ustano-
vok. 1960. 121 p. (MIRA 13:6)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroi-
tel'stva. 2. Tsentral'noye normativno-issledovatel'skoye byuro
Ministerstva stroitel'stva elektrostantsiy SSSR (TsNIB MSES) (for
Sutotskiy, Dubovtseva).
(Wages) (Boilers)

SUTOTSKIY, N.B.

BUSHUYEV, M.N., inzh., red.; BEREZIN, B.A., inzh., red.; MERNIK, M.Kh., inzh.,
red.; SUTOTSKIY, N.B., inzh., red.; IDEL', Yu.U., kand. tekhn. nauk.,
red.; GOFMAN, Ye.K., red. izd-va; POL'SKAYA, R.O., tekhn. red.

[Technical development at the Leningrad Stalin Metal Works] Razvitie
tekhniki na Leningradskom metallicheskom zavode imeni Stalina.
Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1957.
313 p. (MIRA 11:9)

(Turbines) (Leningrad—Metal industries)

SUTOTSKIY, Sergey Borisovich.

Fpp
.R92433

Zhivoye tvorchestvo mass (Living work of the masses) Moskva, Gospolitizdat,
1955.
61 p.

hnb

CHERNENKO, M.B.; LUKIN, Yu.B.; GUSEV, K.M.; KUDREVATYKH, L.A.; MAKARENKO, Ya.I.; SATYUKOV, P.A., red.; STEPANOV, V.P., red.; SELYUK, S.I., red.; SUTOTSKIY, S.B., red.; ABALKIN, N.A., red.; KOZEV, N.A., red.; AVERCHENKO, B.Ye., red.; SOBOLEV, L.S., red.; SIMONOV, K.M., red.; POLEVOY, B.N., red.; GALIN, B.A., red.

[Heroes of our times] Gerol nashikh dnei. Moskva, Izd. gazety
"Pravda," 1961. 619 p. (MIRA 14:11)
(Labor and laboring classes)

SJICV, A. K.

Outstanding tractor brigade. Moskva, Gos. izd-vo sel'skhoz. lit-ry, 1955. 38p.
(Peredovoi obyt v sel'skom khoziaistve) (54-42214)

S/60.R9549

SUTOVA, M. (Bucuresti)

Use of radioactive isotopes in zoology. Natura Biologie
14 no.2:88-90 Mr-Ap '62.

HAMAR, M.; SUTEU, Gh.; SUTOVA, M.

32

Home range studies in rodents by marking with P .
Rev biol 8 no. 4: 431-446 '63.

1. Section of Plant Protection Central Institute for
Agricultural Research.

*

NAMAR, M.; SUTEU, Gh.; SUTOVA, Maia

Study of the individual sector and diurnal activity in mole rats
(*Spalax leucodon* Nordm.) by marking with Co ⁶⁰. Studii cerc biol
s. zool 16 no.6:541-552 '64.

1. Laboratory of Mammals of the Section of Plant Protection of the
Central Institute of Agricultural Research and Labor. tory of Isotopes
of the Research Institute for Cereals and Industrial plants.

SUTOVSKAYA, I.V.

Problem of the sexualization of fungi today. Bot. zhur. no.8:
1181-1190 Ag '63. (MIRA 16:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut fitopatologii
(VNIIF), Moskva.
(Plants, Sex in) (Fungi---Physiology)

SUTOVSKIY, P.M., inzh.; GANIYEV, S.M., inzh.; TIMOFEYEV, V.I., inzh.

Machine for the friction welding of connection ends to drill pipes.
Svar.proizv. no.2:15-17 F '64. (MIRA 18:1)

1. Azerbaydzhanskiy nauchno-issledovatel'skiy institut neftyanogo
mashinostroyeniya.

L 04680-67	EWT(d)/EWT(m)/EWP(v)/I/EWP(e)/ETI/EWP(k)/EWP(r)/EWP(1)	JD/HM
ACC NR: AR6020943	SOURCE CODE:	UR/0137/66/000/002/E029/E029
AUTHOR: Abdullayev, A. A.; Kornev, T. N.; Mekhtiyev, R. A.; Sotovskiy, P. M. ⁴⁶		
TITLE: Experimental machine for welding compressed gas cylinders by means of an electric arc rotating in a magnetic field ¹³		
SOURCE: Ref. zh. Metallurg, Abs. 2E219		
REF SOURCE: Tr. Azerb. n.-i. in-ta neft. mashinostr., vyp. 3, 1965, 340-351		
TOPIC TAGS: arc welding, welding equipment		
TRANSLATION: The experimental machine was developed for arc welding in a magnetic field. The machine is intended for the welding of various joints in petroleum industry machinery and consists of the following basic components: right and left clamping devices mounted on guide frames. A description of the construction and operation of the machine is presented. F. Fomenko. ¹⁸		
SUB CODE: 13,11	UDC: 621.791.75.037:624.074.7.	

Card 1/1

fv

SUTOVSKIY, S.M.

Improving the characteristics of an optical analyzer by the use of
a dielectric photoeffect. Izv. vys. ucheb. zav.; tsvet. met. 5 no.5:
156-160 '62. (MIRA 15:10)

1. Azerbaydzhanskiy institut nefi i khimii, kafedra elektricheskikh
izmereniy i vychislitel'noy tekhniki.
(Optical instruments) (Photoelectricity)

SUTOVSKIY, S.M.; RUVIMOV, E.S.; MAKSIMOVA, V.S.

Monochromatic system for an ultraviolet analyzer. Izv. vys. ucheb.
zav.; neft' i gaz 6 no.10:40 '63. (MIRA 17:3)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova i
Nauchno-issledovatel'skiy institut po kompleksnoy avtomatizatsii
proizvodstvennykh protsessov v neftyanoy i khimicheskoy promysh-
lennosti.